TABLE 3.   PELAGIC FISH SAMPLING REQUIREMENTS BY SPECIES

SPECIES NAME	SAMPLE PRIORITY CODE	TARGET SAMPLE SIZE (per haul)	LENGTH TYPE(S) (#1, #2)	LENGTH CODE	SEXING NECESSARY?	AGE STRUCTURE TYPE(S) TO COLLECT
Swordfish	1	100	LJFL, CK	C	Yes	Head, Anal Spines*
Tuna, Bluefin	1	all caught	FL, PFL	S	Yes	-
Bonito	2	50	FL, PFL	S	Yes	-
Marlin, Sailfish, Spearfish, NK	2	50	LJFL, PFL	C	No	Head, Dorsal Spines
Shark, NK	2	100	FL, TL	S	Yes	Vertebral Centra
Tuna, Albacore	2	100	FL, PFL	S	Yes	-
Tuna, Bigeye	2	100	FL, PFL	S	Yes	-
Tuna, Blackfin	2	all caught	FL, PFL	S	Yes	-
Tuna, Yellowfin	2	all caught	FL, PFL	S	Yes	-
Dolphinfish (Mahi Mahi)	3	20	FL	S	No	-
Escolar	3	20	FL	S	No	-
Louvar	3	20	LJFL	S	No	-
Mackerel, NK	3	20	FL	S	No	-
Oilfish	3	20	FL	S	No	-
Opah	3	20	TL	S	No	-
Ray, NK	3	20	TL, DW	S	Yes	-
Sturgeon, NK	3	all caught	FL	S	No	-
Tuna, Little (False Albacore)	3	50	FL, PFL	S	Yes	-
Tuna, Skipjack	3	50	FL, PFL	S	Yes	-
Wahoo	3	20	FL	S	No	-

SAMPLE PRIORITY CODES	LENGTH CODES	LENGTH TYPE CODES	
1 = HIGH	S = STRAIGHT	FL = Fork Length	TL = Total Length
2 = MEDIUM	C = CURVED	PFL = Pectoral Fin to Fork Length	CK = Cleithrum to Keel Length
3 = LOW		LJFL = Lower Jaw to Fork Length	DW = Disk Width

* SWORDFISH SAMPLES

The **base** of the anal spines must be present. This does not require the cutter to have to cut into the meat of the fish but should be cut off flush with the body.

Include a **DRESSED CARCASS WEIGHT** when possible.

It is only necessary to collect samples from large swordfish:

> **Males** > 230 cm LJFL (along with 2-3" sample of gonad)

> **Females** > 250 cm LJFL (visual ID of sex determination is ok)

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